

## THE UNITED STATES PATENT AND TRADEMARK OFFICE



IN THE APPLICATION OF:

LAIMUTE R. SVARCAS, WILLIAM K.S. CLEVELAND, AND JOHN L. PETRIC

DOCKET NO.: 3166R-01 CUSTOMER NUMBER: 26645

SERIAL NO.: 10/511,247

FILED: OCTOBER 13, 2004 GROUP ART UNIT: 1614

TITLE: LUBRICANT COMPOSITION SUITABLE FOR DIRECT-INJECTED, CRANK-

CASE-SCAVENGED, TWO-STROKE ENGINES

Wickliffe, Ohio Dated: May 10, 2005

Hon. Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

## Information Disclosure Statement

Prior to a first office action on the above case, the Examiner's attention is directed to the following items which may be relevant to the examination. Copies of each of the published documents, other than U.S. patent publications, copies of which are not required, are attached, as well as a completed form USPTO-1449. The Examiner is requested to ignore any extraneous markings that may be found on such items. The listing of any item herein is not intended as an admission that that item legally qualifies as "prior art."

I. References Cited in the International Search Report:

WO 93 03120, February 18, 1993

US Patent 3,772,359, Schlobohm et al., November 13, 1973

US Patent 4,320,020, Lange et al., March 16, 1982

US Patent 4,425,138, Davis, January 10, 1984

US Patent 5,025,316, Stover, May 24, 1977

US Patent 4,705,643, Nemo, November 10, 1987

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ı	on May 13, 20155 By Alan Peciale										
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## 10/511,247, Svarcas et al. (3166R-01)-- page 2

## II. Additional documents:

US Patent 4,663,063, Davis, May 5, 1987

US Patent 4,708,809, Davis, November 24, 1987

US Patent 4,724,091, Davis, February 9, 1988

US Patent 6,193,767, Arters et al., February 27, 2001

US Patent 6,458,172, Macduff et al., October 1, 2002

US Patent 6,348,075, Jackson, February 19, 2002

Johnson et al., SAE Technical Paper 980756 (from1998 SAE Paper SP-1327), February, 1998, "Electronic Direct Fuel Injection System Applied to an 1100 cc Two-Stroke Personal Watercraft Engine."

Sawada et al., SAE Technical Paper 980761 (from 1998 SAE Paper SP-1327), February, 1998, "Development of a Low Emission Two-Stroke Cycle Engine."

Any required fees or any deficiency or overpayment in fees should be charged or credited to deposit account 12-2275 (The Lubrizol Corporation).

Respectfully submitted,

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		INFORMATION	DISCLOSURE		Laimute R. Svarcas et al.						
		STATEMENT	BY APPLICANT		FILING D	ATE		GROU	P		
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	AMINER DOCUMENT					011001400		FILING			
INI	TIAL	3,772,359	Nov. 13, 1973		hm et al.	CLASS	SUBCLASS		IF APPRO	PRIATE	
_		4,320,020	March 16, 1982		et al.	<del> </del>	-				
		4,425,138	Jan. 10, 1984			1	<u> </u>				
		5,025,316	May 24, 1977	Davis Stover		<del>                                     </del>			-		
		4,705,643	Nov. 10, 1987	Nemo		<del> </del>	<del>                                     </del>				
		4,663,063	May 5, 1987	Davis							
		4,708,809	Nov. 24, 1987	Davis							
		4,724,091	Feb. 9, 1988	Davis							
		6,193,767	Feb. 27, 2001	<del></del>	s et al.						
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	FOREIGN PATENT DOCUMENTS    DOCUMENT   TRANSLATION										
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	OTH	HER DOCUME	NTS (Including	Author.	Title. Da	te. Pertin	ent	Pages	Etc.)	<u> </u>	
		Johnson et al.,	SAE Technical Pape	er 980756 (	from 1998	SAE Paper	SP-1	327), F	ebruary, 1		
	"Electronic Direct Fuel Injection System applied to an 1100 cc Two-Stroke Personal Watercraft Engine."										
		Sawada et al., SAE Technical Paper 980761 (from 1998 SAE Paper SP-1327), February, 1998,									
		"Development of a Low Emission Two-Stroke Cycle Engine."									
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